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Sent: Saturday, October 3, 2020 1:57 PM
To: Larson, Leo M CTR (USA) [leo.m.larson.ctr@navy.mil]
CC: Stoick, Paul T CIV USN NAVFAC SW SAN CA (USA) [paul.stoick@navy.mil]
Subject: [Non-DoD Source] RE: HPNS Parcel E Weekly Reports
Attachments: 500712 HPNS CTO-0024 Biweekly Status Report_10_03_20.xlsx; 501158 HPNS CTO-4761 Biweekly Status Report_10_03_20.xlsx

Hi Leo –

Attached please find the Parcel E Bi-weekly Reports for Phases 1 and 3.

If you have any questions, let me know.

Thanks, Nels

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**BIWEEKLY FIELD WORK STATUS REPORT**

Project Name:	HPNS Parcel E Remedial Action; Phase 1	Date:	October 3, 2020
Contract Number:	N62473-12-D-2005	Reporting Period:	8/22/2020 thru 10/02/2020
Task Order Number:	CTO-0024 EMAC II	Contractor Name:	APTIM Federal Services, LLC
Contracting Office:	NAVFAC Southwest		1725 Duke Street, Suite 400
Contracting Officer:	Karen Barba		Alexandria, VA 22314
RPM	Leo Larson	APTIM PM	Nels Johnson
Navy Lead RPM	Paul Stoick		nels.johnson@aptim.com
			(b) (6)
Period of Performance:	August 08, 2018 through February 08, 2021	APTIM Project No.	500712

1. Summary of Field Work Accomplishments During Reporting Period

Work Element	Comments
1.4 - Project Management and Admin Support	Managed overall Project scope, schedule and budget. Participated in Weekly QC Meeting. Communicated project updates, key issues/aspects and path forward to Navy RPM on a regular basis. Prepared and submitted draft schedule of values for August and September invoicing.
3.1 thru 3.3 - Temporary Construction Facilities, Site Maintenance, Air Monitor, Survey, Radiological Controls	Maintained temporary facilities including Radiological Controls, Security, BMPs, Air Monitoring, Turbidity Curtain, Surface Water Samples, UXO and Topographic Surveys.
3.4 - Excavation; Tier 1, 2 and TPH Locations	<p>All of the Base excavations in EOS-1 and EOS-2 have been performed. There have been 3 step-out excavation and additional sampling events performed. To date a total of 25,230 BCY have been excavated from the excavation areas (22,084 BCY base and 3,146 BCY IDIQ step-outs). There are 5 excavations areas in EOS-1 and EOS-2 (of 36 total) that are awaiting confirmation results and backfill.</p> <p>Continued Mechanical Screening Soil/Debris to less than 2" to accommodate S3 and RSY Pad Radiological processing of soil. APTIM temporarily suspended screening operations on September 11, 2020 till more material could be generated and space created.</p> <p>There were approximately 60 LLROs discovered related to the above excavations or soil processing performed during the period. The initial findings of LLROs have been documented, assigned numbers and placed in locked storage pending isotopic evaluation.</p> <p>Two existing monitoring wells were decommissioned on 9/18/2020 in order to complete Parcel E Armored Revetment activities in EOS-1 and EOS-4.</p> <p>The Proof of Concept (S3 Soil Processing) ceased as of August 12th. ISO-Pacific demobilized their personnel and equipment in late August. APTIM began to radiologically process soil/debris using RSY Pads. The need for additional RSY Pads is critical to maintain the project schedule. APTIM began discussing this with the Navy in late June and thru July. On August 10, 2020 APTIM submitted a formal request to Contracting to use areas within RSY 3, RSY 4 and a portion of J Street. APTIM received the go ahead to use RSY 3 and 4 areas from the Navy on September 2, 2020.</p>
3.5 - Steam and Fuel Line Closure/Removal	No activity this period.
3.6 - Soil Gas Survey	No activity this period.
3.7 - Groundwater Treatment	No activity this period.
3.8 - Soil Vapor Extraction	No activity this period.
3.9 - Biological Coordination	As-needed weekly coordination.
4.1 thru 4.3 Reporting	No activity this period.

**BIWEEKLY FIELD WORK STATUS REPORT****2. Planned Accomplishments During Next Reporting Period**

Work Element	Comments
1.4 - Project Management and Admin Support	Manage overall Project scope, schedule and budget. Participate in Weekly QC Meeting. Continue to communicate project updates, key issues/aspects and path forward to Navy RPM on a regular basis. Respond to Mod 12 RFP (receipt pending)
3.1 thru 3.3 - Temporary Construction Facilities, Site Maintenance, Air Monitor, Survey, Radiological Controls	Maintain temporary facilities including Radiological Controls, Security, BMPs, Air Monitoring, Turbidity Curtain, Surface Water Samples, UXO and Topographic Surveys.
3.4 - Excavation; Tier 1, 2 and TPH Locations	Continue to perform excavation efforts in EOS-1 and EOS-2 Areas by performing step outs (as applicable) and subsequent backfill activities. Continue Screening Soil/Debris to less than 2" to accomodate accomdate placement on RSY Pad for Radiological processing. Continue to Radiologically screen soil/debris on RSY Pads. Begin to perform remedial excavation activities in EOS-4.
3.9 - Biological Coordination	As-needed weekly coordination.

3. Open Items:

Status of FCRs:	There have been 8 FCRs submitted to-date on CTO0024. FCR 001, 002, 004 and 008 have been approved by the Navy. FCR 003 is currently in Navy review, FCR 005 has been canceled and FCR 006 and 007 are on hold.
Status of Submittals:	There have been 2 submittals related to offsite borrow material that have been approved; General Fill and Drain Rock (Stanford Pile and Vulcan and Hanson Quarry Material).



BIWEEKLY FIELD WORK STATUS REPORT

Status of Modifications/REAs:

APTIM & Navy held scoping meetings to review upcoming MOD SOW on 11/19/2019, 01/09/2020 and 02/13/2020. The CTO 0024 Mod 12 RFP is pending by the Navy. Submitted email to RPM on 4/24/2020 requesting CTO 0024 MOD 12 approval no later than May 20 to avoid impacting the planned schedule for processing ESS soils. RFP for MOD 12 was received on July 13, 2020 and the response was submitted to the Navy on August 14th.

4. Production Summary:

Status of Excavation:

An estimated 22,084 BCY have been excavated at 36 EOS-1 and EOS-2 areas since the May 2020 remobilization. An estimated 3,146 BCY of excavation step-outs have been performed to-date. Note these volumes are estimates based on truck counts.

Status of Backfill:

There are a total of 28 (of 36) excavation areas that have been backfilled to date in EOS-1 and EOS-2 areas. Confirmation sidewall samples are pending for the last 5 excavation areas.

HPNS Parcel E Phase 1 Excavation Summary

														As of:		9/4/2020	
		EOS-1			EOS-2			EOS-4			MU-1 to MU-3			TOTAL			
		Volume (BANK CY)		% of	Volume (BANK CY)		% of	Volume (BANK CY)		% of	Volume (BANK CY)		% of	Volume (BANK CY)		% of	
Excavati	Type	Excavat	Plann	Plann	Excavat	Plann	Plann	Excavat	Plann	Plann	Excavat	Plann	Plann	Excavat	Plann	Plann	
Main	Non-Rad	0	0	NA	0	0	NA	0	0	NA	1440	1440	100.0%	1440	1440	100.0%	
Main	Rad Support Only	2323	1894	122.7%	4510	3790	119.0%	0	2295	0.0%	0	0	NA	6833	7979	85.6%	
Main	Rad w/ ESS Support	14649	15447	94.8%	602	413	145.8%	0	949	0.0%	0	0	NA	15251	16809	90.7%	
Step-out	Rad Support Only	110	0	NA	306	0	NA	0	0	NA	0	0	NA	416	0	NA	
Step-out	Rad w/ ESS Support	2730	0	NA	0	0	NA	0	0	NA	0	0	NA	2730	0	NA	
	Subtotal	19812	17341	114.3%	5418	4203	128.9%	0	3244	0.0%	1440	1440	100.0%	26670	26228	101.7%	
Subtotal Excluding MU-1 to MU-3:														25230	24788	101.8%	

		BIWEEKLY FIELD WORK STATUS REPORT	
Project Name:	HPNS Parcel E Remedial Action; Phase 3	Date:	October 3, 2020
Contract Number:	N62473-17-D-0006	Reporting Period:	8/22/2020 thru 10/02/2020
Task Order Number:	CTO-N6247318F4761 (RADMAC II)	Contractor Name:	APTIM Federal Services, LLC
Contracting Office:	NAVFAC Southwest		1725 Duke Street, Suite 400
Contracting Officer:	Karen Barba		Alexandria, VA 22314
RPM	Leo Larson	APTIM PM	Nels Johnson
Navy Lead RPM	Paul Stoick		nels.johnson@aptim.com
			925-787-0677
Period of Performance:	June 29, 2018 through June 29, 2021	APTIM Project No.	501158
1. Summary of Field Work Accomplishments During Reporting Period			
Work Element	Comments		
1.0 - Project Management and Admin Support	Managed overall Project scope, schedule and budget. Participated in Weekly QC Meeting. Communicated project updates, key issues/aspects and path forward to Navy RPM on a regular basis. Prepared and submitted draft schedule of values for August and September invoicing.		
2.3.1 thru 2.3.4 - Temporary Construction Facilities, Mobilization, and Site Maintenance	Maintained temporary facilities including Radiological Controls, Security, BMPs, Air Monitoring, Turbidity Curtain, Surface Water Samples, UXO and Topographic Surveys.		
2.3.5 - Excavation; Tier 1, 2 and TPH Locations; EOS-1, EOS-3 and EOS-4	<p>Continued excavation and mechanical screening of soil within the footprint of the shoreline revetment bench in EOS-1 and EOS-2. Soil is intended to be Radiologically cleared and re-used as part of the revetment anchor bench. There is an area along the shoreline revetment bench that contains debris that has tested positive for asbestos containing materials. APTIM is working up an approach to excavate this soil/debris (<500 yds) and properly segregate, scan and dispose of the material.</p> <p>The Proof of Concept (S3 Soil Processing) being performed initially under CT0024 has ceased as of August 12th. ISO-Pacific demobilized their personnel and equipment in late August. APTIM began to radiologically process soil/debris using RSY Pads. APTIM received the go ahead to use RSY 3 and 4 areas from the Navy on September 2, 2020.</p> <p>APTIM mobilized to EOS-3 and EOS-4 the week of September 14th and began debris clearance along the shoreline.</p>		
2.3.6 - IR-02 Nearshore Slurry Wall Construction	Completed construction of approximately 1,064 lf of Nearshore Slurry Wall and protective cap on July 8, 2020 in EOS-1 and EOS-2.		
2.3.7 - Radiological Screening of Excavated Soil, Sediment and Debris	Continued scanning of shoreline revetment bench material. There has been in excess of 150 LLROs discovered related to the revetment bench material (excavations or soil processing) performed to-date. The initial findings of LLROs have all been documented, assigned numbers and placed in locked storage pending isotopic evaluation.		
2.3.8 - Shoreline Protection and Armored Revetment	Continued construction of the Hybrid Revetment in EOS-2. Approximately 752 lf of Hybrid Revetment has been constructed, including excavation of soil/debris, placement of filter fabric, filter rock layer and light riprap layer. The final course sand layer placement is pending. This task is considered to be 80% complete. Note, this work is required to be done around low tide cycles.		
2.3.9 - Biological Coordination	As-needed weekly coordination.		
2.3.10 - Waste Loading, Hauling and Disposal	No activity this period.		
4.0 - Data Submission Reports	No activity this period.		

**BIWEEKLY FIELD WORK STATUS REPORT****2. Planned Accomplishments During Next Reporting Period**

Work Element	Comments
1.0 - Project Management and Admin Support	Manage overall Project scope, schedule and budget. Participate in Weekly QC Meeting. Continue to communicate project updates, key issues/aspects and path forward to Navy RPM on a regular basis.
2.3.1 thru 2.3.4 - Temporary Construction Facilities, Mobilization, and Site Maintenance	Maintain temporary facilities including Radiological Controls, Security, BMPs, Air Monitoring, Turbidity Curtain, Surface Water Samples, UXO and Topographic Surveys.
2.3.5 - Excavation; Tier 1, 2 and TPH Locations; EOS-1, EOS-3 and EOS-4	Continue excavation and mechanical screening of soil within the footprint of the shoreline revetment bench in EOS-1 and EOS-2. Soil is intended to be Radiologically cleared and re-used as part of the revetment anchor bench. Continue to remove debris along the shoreline in EOS-4. Begin shoreline excavations; 7 total for approximately 1,138 BCY. Take necessary confirmation samples and backfill. Begin to process EOS-4 excavated soil on RSY Pads in RSY 3 area.
2.3.6 - IR-02 Nearshore Slurry Wall Construction	Complete as of July 8, 2020
2.3.8 - Shoreline Protection and Armored Revetment	Complete construction of the Hybrid Revetment in EOS-2 by placing the 2-foot course sand layer. Begin construction of the Hybrid Revetment in EOS-3 and EOS-4. This work is required to be done around low tide cycles.
3.9 - Biological Coordination	As-needed weekly coordination.

3. Open Items:

Status of FCRs:	There have no FCRs submitted to-date on CTO4761.
Status of Submittals:	There have been 7 submittals to-date approved by the Navy that are related to rebar for seawall, shoring design, slurry wall mix, import fill (General, Drain Rock, Armor Stone), and slurry wall implementation. Submittal 008 (Filter Fabric) submitted for information purposes and Submittal 009 (CPT Investigation) was submitted and is pending Navy approval.



BIWEEKLY FIELD WORK STATUS REPORT

Status of Modifications/REAs:

CTO 4716 MOD 06 was received on June 4, 2020.

4. Production Summary:

Status of Excavation:

Four of the eleven Tier 1, 2 and TPH tidal excavations have been completed; excavated, sampled and backfilled.

Status of Nearshore Slurry Wall:

The temporary sheetpile shoring installation was completed on June 9th (approximately 1,070 lf) and the construction of the Nearshore Slurry Wall and protective cap was completed on July 8th.